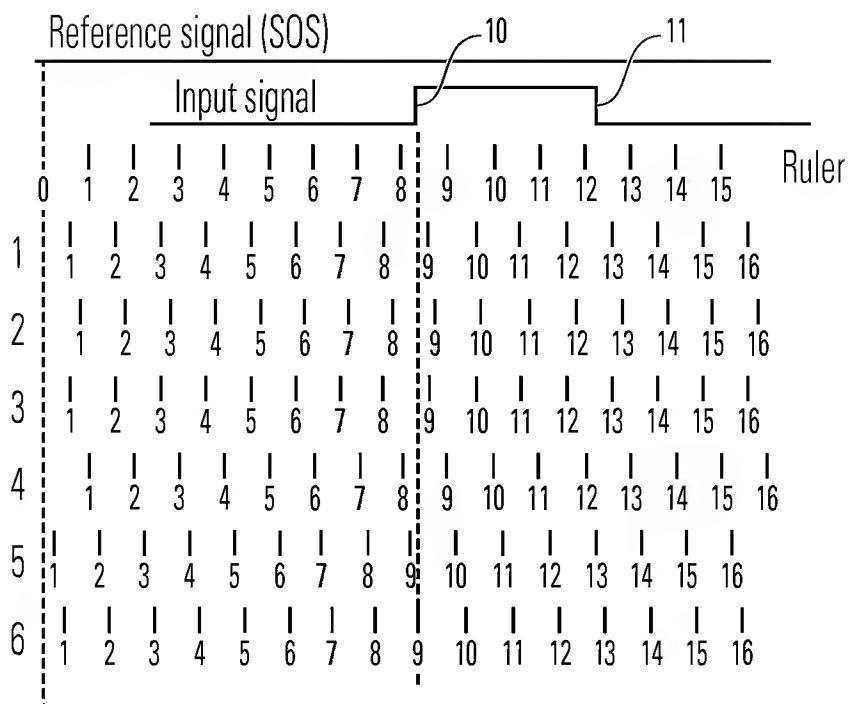
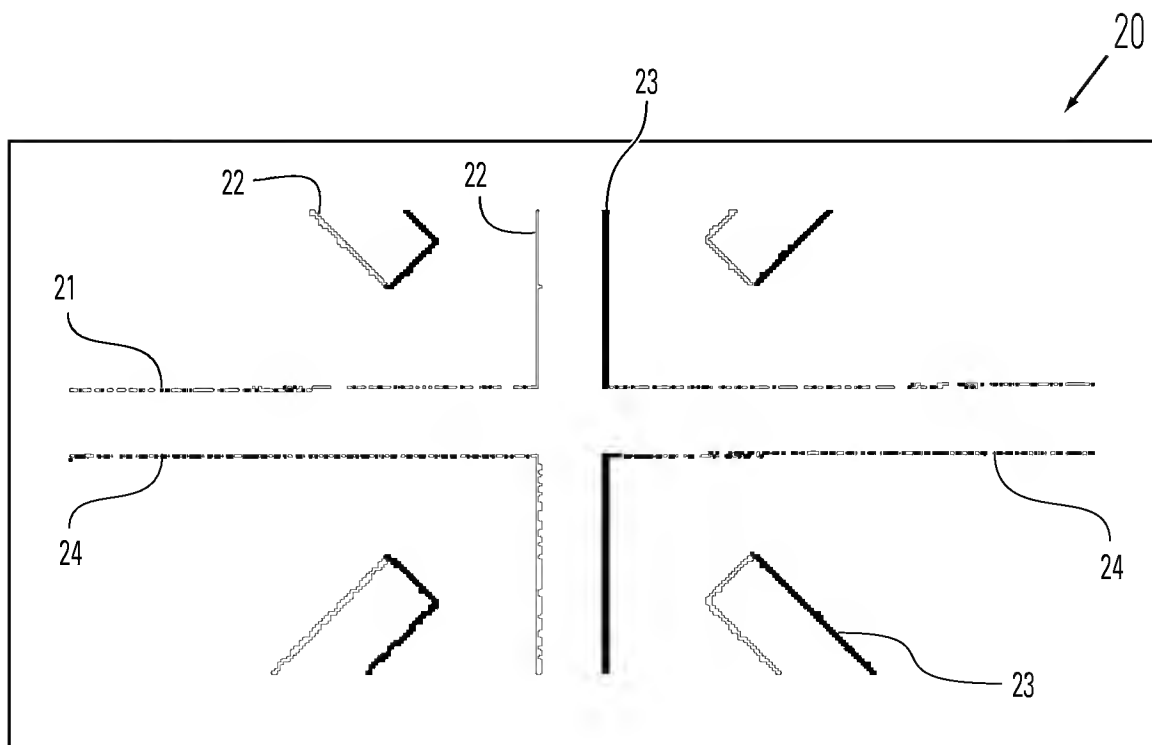
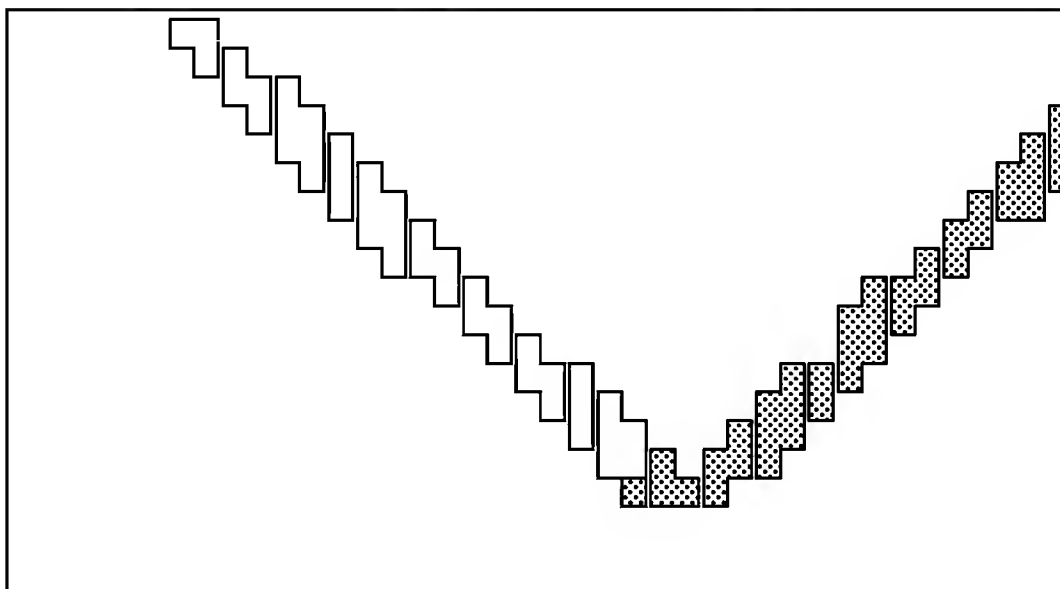
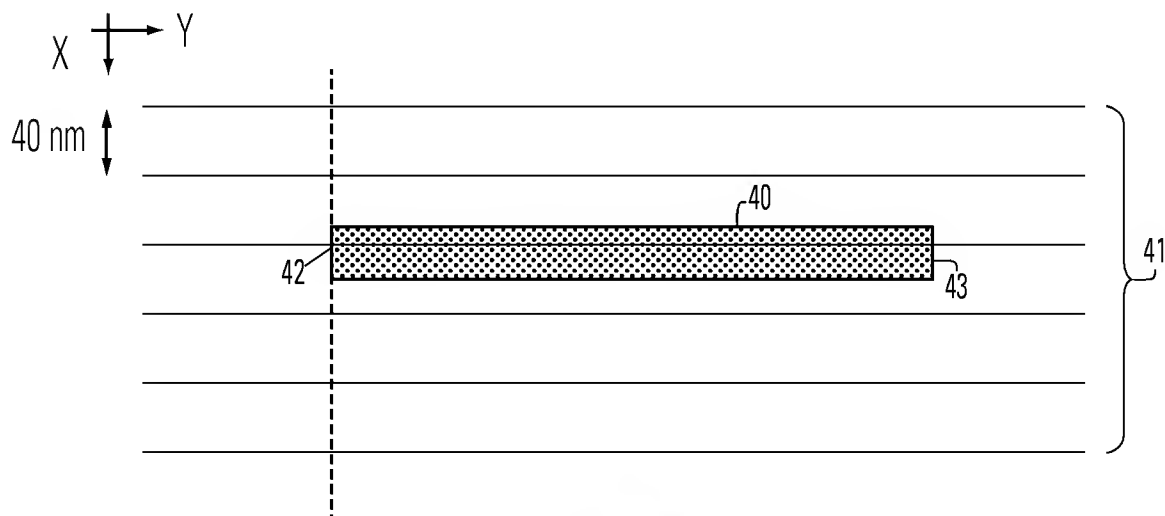
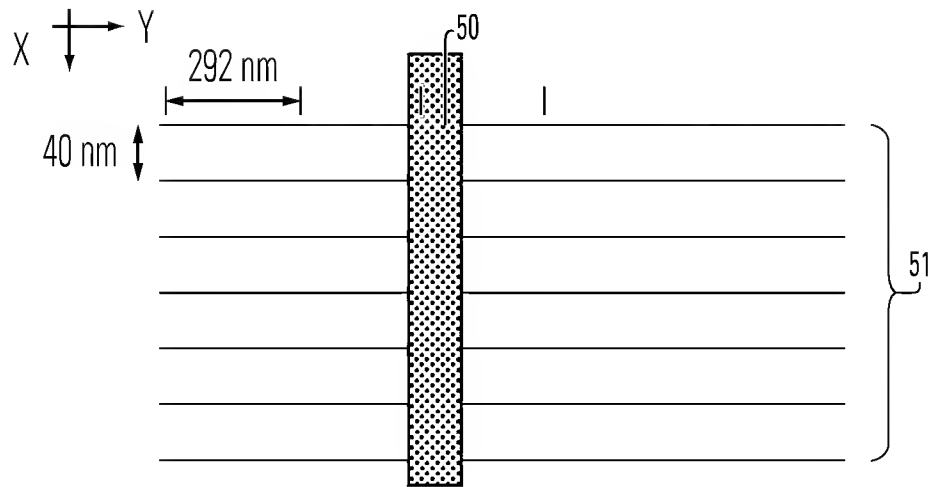
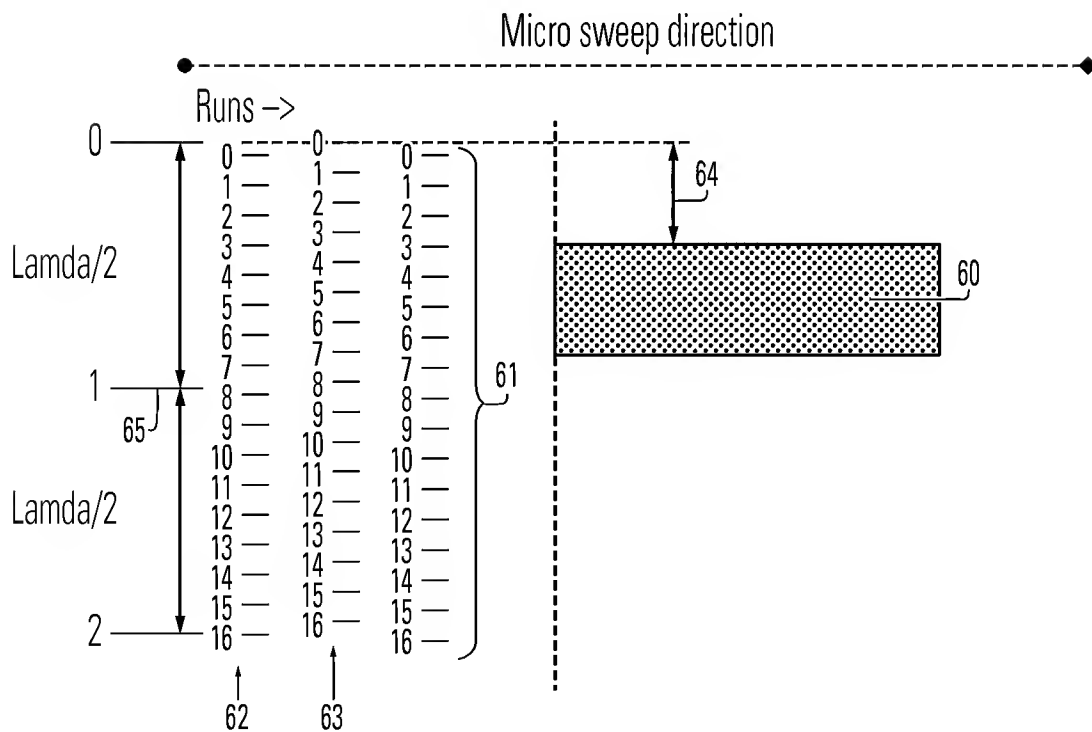
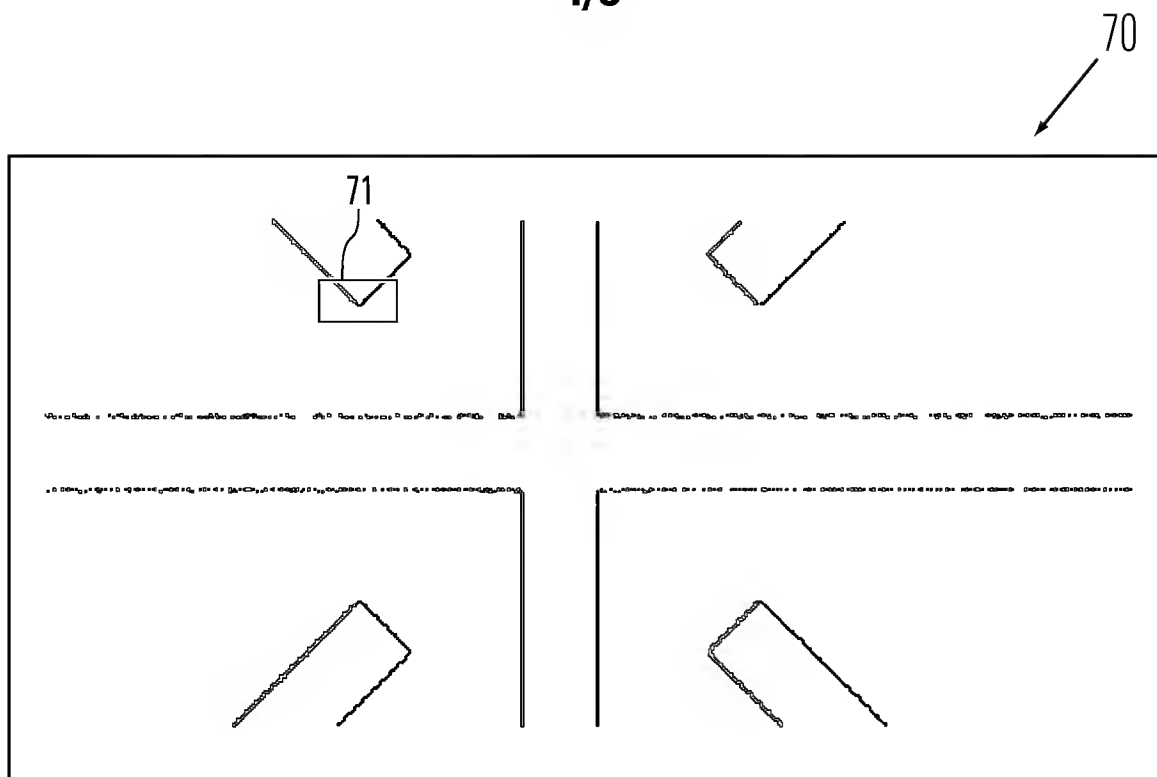
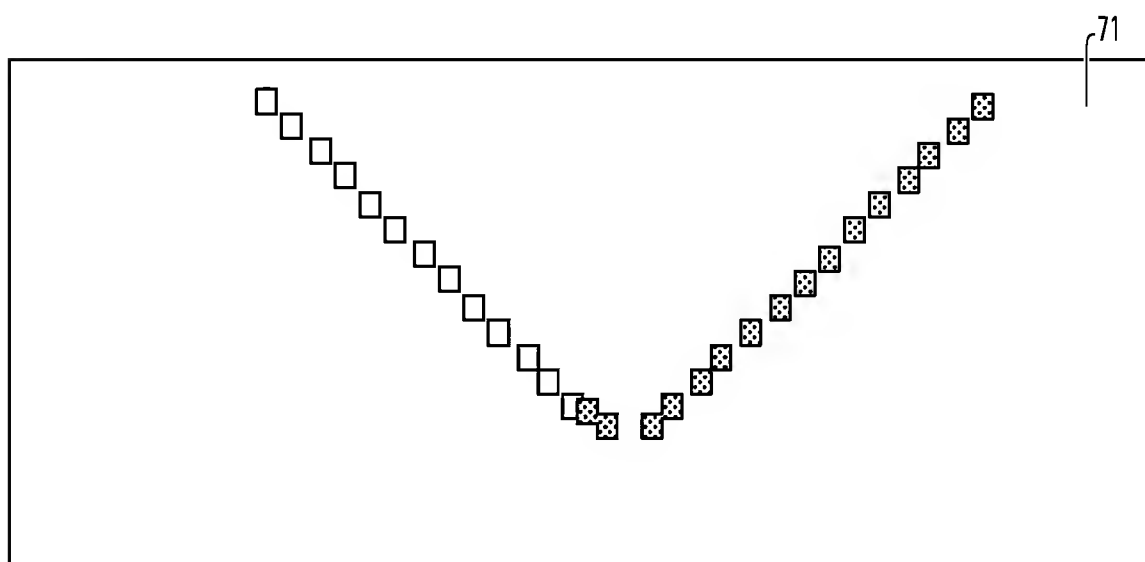


1/6**FIG. 1****FIG. 2**

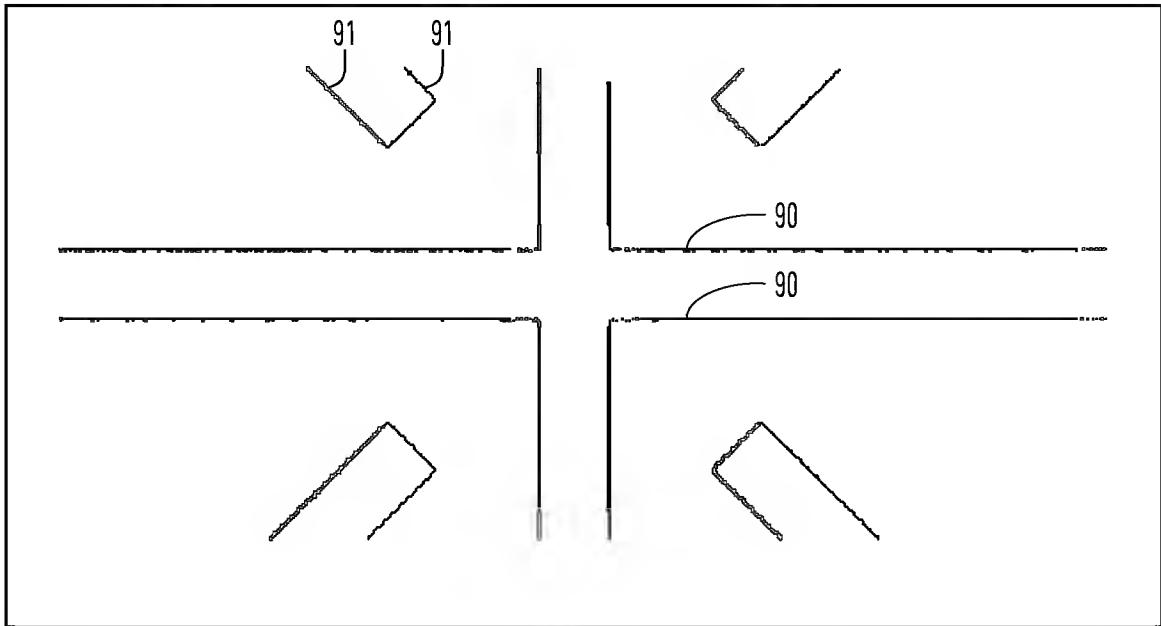
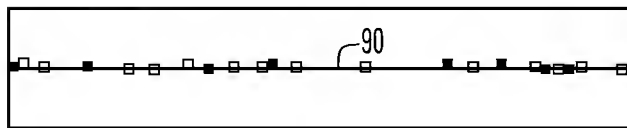
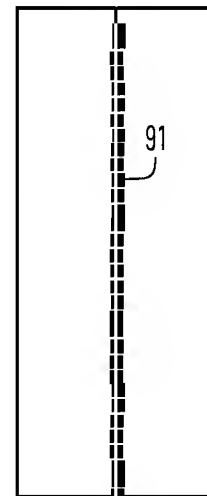
**2/6****FIG. 3****FIG. 4**

3/6**FIG. 5****FIG. 6**

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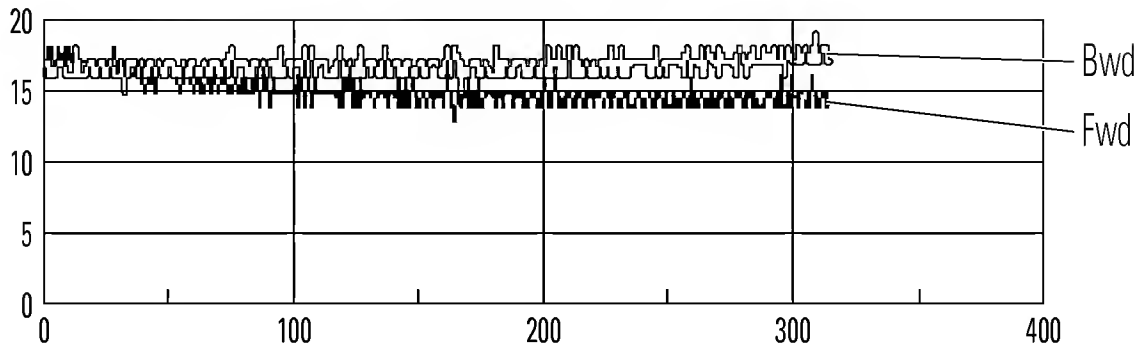
**FIG. 7****FIG. 8**

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**FIG. 9****FIG. 10A****FIG. 10B**

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Number of SOS/interval



20030811 13:21

FIG. 11

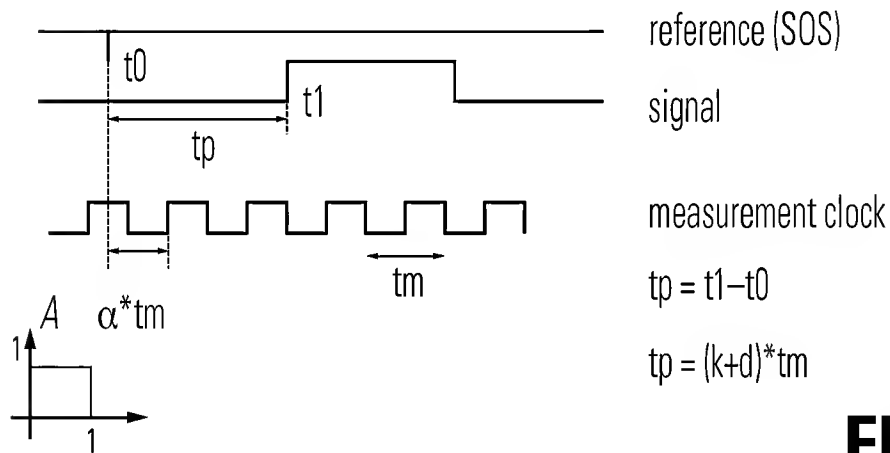
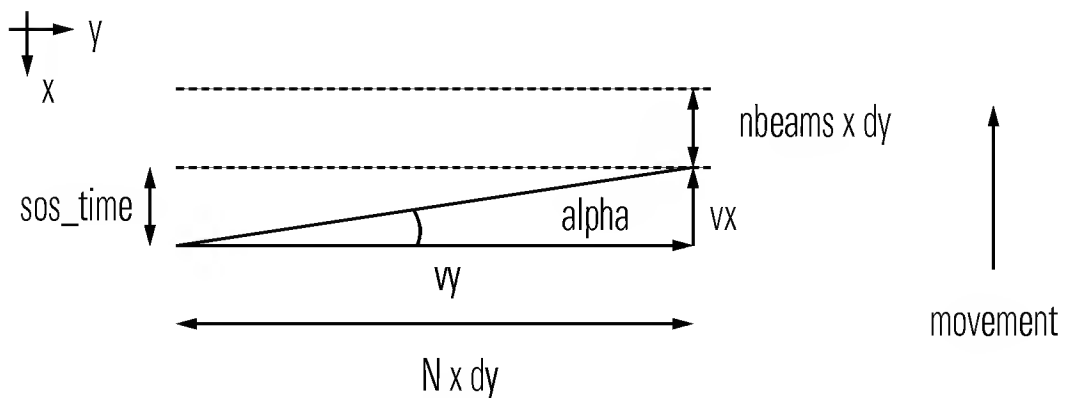


FIG. 12



$$v_x = nbeams * dy / sos_time \text{ } [\mu\text{m}/\mu\text{sec}]$$

$$v_y = dy/pixel_clock_time \text{ } [\mu\text{m}/\mu\text{sec}]$$

$$sos_time = N * pixel_clock_time \text{ } [\mu\text{sec}]$$

FIG. 13